

88265-6820.ST25.txt
SEQUENCE LISTING

<110> Kocchar, Sunil
Hansen, Carl Erik
Juillerat, Marcel Alexandre

<120> Cocoa polypeptides and production of cocoa and chocolate flavor

<130> 88265-6820

<150> EP01110251.4

<151> 2001-04-25

<150> PCT/EP02/04258

<151> 2002-04-17

<160> 4

<170> PatentIn version 3.2

<210> 1

<211> 89

<212> PRT

<213> Theobroma cacao

<400> 1

Arg Arg Glu Gln Glu Glu Glu Ser Glu Glu Glu Thr Phe Gly Glu Phe
1 5 10 15

Gln Gln Val Lys Ala Pro Leu Ser Pro Gly Asp Val Phe Val Ala Pro
20 25 30

Ala Gly His Ala Val Thr Phe Phe Ala Ser Lys Asp Gln Pro Leu Asn
35 40 45

Ala Val Ala Phe Gly Leu Asn Ala Gln Asn Asn Gln Arg Ile Phe Leu
50 55 60

Ala Gly Arg Pro Phe Phe Leu Asn His Lys Gln Asn Thr Asn Val Ile
65 70 75 80

Lys Phe Thr Val Lys Ala Ser Ala Tyr
85

<210> 2

<211> 101

<212> PRT

<213> Theobroma cacao

<400> 2

Gly Arg Lys Gln Tyr Glu Arg Asp Pro Arg Gln Gln Tyr Glu Gln Cys
1 5 10 15

Gln Arg Arg Cys Glu Ser Glu Ala Thr Glu Glu Arg Glu Gln Glu Gln

20

25

30

Cys Glu Gln Arg Cys Glu Arg Glu Tyr Lys Glu Gln Gln Arg Gln Gln
 35 40 45

Glu Glu Glu Leu Gln Arg Gln Tyr Gln Gln Cys Gln Gly Arg Cys Gln
 50 55 60

Glu Gln Gln Gln Gly Gln Arg Glu Gln Gln Gln Cys Gln Arg Lys Cys
 65 70 75 80

Trp Glu Gln Tyr Lys Glu Gln Glu Arg Gly Glu His Glu Asn Tyr His
 85 90 95

Asn His Lys Lys Asn
 100

<210> 3
 <211> 26
 <212> PRT
 <213> Theobroma cacao

<220>
 <221> VARIANT
 <222> (17)..(17)
 <223> Xaa can be any amino acid

<220>
 <221> VARIANT
 <222> (20)..(20)
 <223> Xaa can be any amino acid

<220>
 <221> VARIANT
 <222> (24)..(24)
 <223> Xaa can be any amino acid

<400> 3

Arg Arg Glu Gln Glu Glu Glu Ser Glu Glu Glu Thr Phe Gly Glu Phe
 1 5 10 15

Xaa Gln Val Xaa Ala Pro Leu Xaa Pro Gly
 20 25

<210> 4
 <211> 10
 <212> PRT
 <213> Theobroma cacao

<400> 4

Gly Arg Lys Gln Tyr Glu Arg Asp Pro Arg
 1 5 10

88265-6820.ST25.txt